Index of Claims

| Appl | lication. | /Control | No. |
|------|-----------|----------|-----|
|------|-----------|----------|-----|

09/674,090

Examiner

Young J. Kim

Applicant(s)/Patent under Reexamination

EICHEN ET AL.

Art Unit

1637

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | . "                            |

| - | N | Non-Elected  |
|---|---|--------------|
|   | ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |          | Ц_                      | L        |           |  |              | ı        | ŧ              | L            |          |              |          |                 |          |          |          | l        |                |           |          |          |          |          | 1          |            |              |               |
|--|----------|-------------------------|----------|-----------|--|--------------|----------|----------------|--------------|----------|--------------|----------|-----------------|----------|----------|----------|----------|----------------|-----------|----------|----------|----------|----------|------------|------------|--------------|---------------|
| Clair  | _        | _                       |          |           | _  | D-4          |          |                |              | _        |              | -!       |                 |          |          |          |          |                |           |          | _        |          | Cla      | .!         |            |              |               |
| Clair  | 11       | ┝                       | _        | T         |  | Date         | -        |                |              | -        | Li           | aim      |                 | _        |          | ╌        | Date     | :<br>1         |           |          | 4        | $\vdash$ | Cla      | 11111      |            | _            | _             |
| _  | Original | $ec{\sim}$              |          |           |  |              |          |                |              |          | <del>-</del> | ᅙ        |                 |          | - 1      |          |          |                |           |          |          | .        | <u>,</u> | Б          |            |              |               |
| Final  | igi      | 30-64                   |          |           |  |              |          |                | 1            |          | Final        | Original |                 |          | 1        |          |          |                | ı         |          |          | Ι,       | Final    | Original   |            | -            |               |
| "  | ŏ        | 4                       | ١.       | ]         |  |              |          |                | 1            |          | ۳ ا          | ŏ        |                 |          |          |          |          | - 1            |           | ŀ        |          | - [ '    | -        | ŏ          |            |              | - 1           |
| <del>     </del>                                 | 1        |                         | /        | ┝         | ┝  | ⊢            | Н        | -              | $\dashv$     | -        |              | 51       |                 |          | ⊣        | $\dashv$ |          | -              | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | 101        | -+         | $\dashv$     | +             |
| <del>     </del>                                 | 2        | ۳                       | $\vdash$ | ⊢         | $\vdash$   | ⊢            | H        | $\dashv$       | -            | _        |              | 52       | Н               | _        | $\dashv$ |          | $\dashv$ | $\dashv$       |           | ┰        | $\dashv$ | $\vdash$ | $\dashv$ | 102        | +          | ┪            | +             |
| <del>  -</del>                                   | 3        |                         | -        | ┢┈        | ┢  | ⊢            | Н        | $\dashv$       | $\dashv$     | -        | <b></b>      | 53       | Н               | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$       |           | -        | $\dashv$ | ⊢        | $\dashv$ | 103        | $\dashv$   | $\dashv$     |               |
| <del></del>                                      | 4        | 1                       | -        | ┢╌        | H  | ┢            | -        | $\dashv$       | +            | -        |              | 54       | H               |          |          |          |          | $\dashv$       | _         |          | $\dashv$ | -        | _        | 104        | $\dashv$   | 十            |               |
|  | 5        | Н                       | ┢        | ┢         | $\vdash$   | ╫            |          | $\dashv$       | -            | -        |              | 55       | H               |          | $\dashv$ | $\neg$   |          | -              | $\dashv$  |          | $\dashv$ | $\vdash$ | _        | 105        | 一          | $\dashv$     | +             |
|  | 6        | #                       | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$     |          | $\dashv$       | $\dashv$     | _        |              | 56       | $\vdash$        | $\neg$   | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$  | 一        | ヿ        | $\vdash$ | $\neg$   | 106        |            | 十            | $\top$        |
|  | 7        | #                       | $\vdash$ | $\vdash$  | <del>                                     </del> | <del> </del> |          | $\neg \dagger$ | -1-          | _        |              | 57       | H               |          |          |          |          | 寸              | 7         |          | ヿ        | -        | _        | 107        | 一十         | 寸            | $\dashv$      |
|  | 8        | $H^-$                   | $\vdash$ | 1         | T .  | 1            |          | _              |              | _        | F            | 58       | П               |          | T        | $\neg$   |          | 寸              |           | 7        | T        | -        | ヿ        | 108        |            | 一            | $\neg$        |
|  | 9        | 1                       |          |           | T  | ┢            |          | _              |              |          |              | 59       |                 |          |          |          |          | 一              |           | 寸        | ┪        |          |          | 109        |            | T            | 十             |
|  | 10       | 1                       |          |           |  |              |          | 一              | T            | 7        |              | 60       |                 |          |          |          |          | 寸              | 一         |          | $\neg$   |          | 7        | 110        |            | T            | 十             |
|  | 11       | I                       | Г        | Г         | Π  | Г            | П        | $\neg$         | $\top$       | ٦        |              | 61       | П               |          | 一        |          | $\Box$   | 寸              | $\exists$ | $\neg$   | $\neg$   |          | $\Box$   | 111        | $\neg$     | 寸            | 十             |
|  | 12       | Γ                       |          | T .       | T  |              |          | 一              |              | 7        |              | 62       |                 |          |          |          |          | $\neg$         |           |          |          |          |          | 112        |            |              | $\Box$        |
|  | 13       | $\nabla$                |          |           |  |              |          |                |              |          |              | 63       |                 |          |          |          |          |                |           |          |          |          |          | 113        |            |              | $\Box \Gamma$ |
|  | 14       |                         |          |           |  |              |          |                |              |          |              | 64       |                 |          |          |          |          |                |           |          |          |          |          | 114        |            | I            |               |
|  | 15       | \                       |          |           |  |              |          |                |              |          |              | 65       |                 |          |          |          |          |                |           |          |          |          |          | 115        |            |              |               |
|  | 16       | \                       |          |           |  |              |          |                |              |          |              | 66       |                 |          |          |          |          |                |           |          |          |          |          | 116        |            |              |               |
|  | 17       |                         |          |           |  | L.           |          |                |              |          |              | 67       |                 |          |          |          |          | _              |           |          |          | L        |          | 117        |            | _            |               |
|  | 18       |                         |          | _         | L  | L            | Ш        | _              |              |          |              | 68       |                 |          |          |          |          | _              |           |          |          | L        |          | 118        |            | _            | $\perp$       |
|  | 19       | Ш                       | L        | <u>_</u>  |  |              |          |                |              |          | <u> </u>     | 69       | Ш               |          | _        | _        |          | _              | _         | _        |          | _        |          | 119        | _          | _            |               |
|  | 20       | Щ                       |          | _         | L_   | _            |          | $\Box$         | _            | _        |              | 70       |                 |          |          | _        |          | 4              | _         | _        |          | _        |          | 120        |            | _            | _             |
|  | 21       | Щ                       |          | _         | _  | _            | · .      |                |              | _        |              | 71       |                 |          |          | _        | $\Box$   | _              | _         | _        | _        | -  _     |          | 121        | _          | _            | $\perp$       |
|  | 22       | Ц                       |          | <u> </u>  | <u> </u>   |              | Ш        | _              |              | _        |              | 72       | Ш               |          | _        | _        |          |                | _         | _        | _        | <u>_</u> | _        | 122        |            | 4            | $\dashv$      |
|  | 23       | Ц                       |          |           |  | ļ            |          | _              |              | 4        | ļ            | 73       | Ш               |          | _        | _        |          |                | _         | _        | 4        | _        |          | 123        | _          | $\dashv$     | $\dashv$      |
|  | 24       | Ц                       |          | <u> </u>  |  | ·            | _        |                | -            | 4        | ļ            | 74       | Ш               | $\dashv$ | _        |          | $\dashv$ |                | _         |          | 4        | <u> </u> |          | 124        | $\dashv$   | _            | _             |
|  | 25       | 1                       |          | <u> </u>  |  | L            |          | _              | -            | 4        |              | 75       | <u> </u>        |          | _        | $\dashv$ |          |                |           | -        | 4        | $\vdash$ |          | 125        | <u></u>  - | -            | _             |
|  | 26       | $\dashv$                | _        | -         | _  |              | Щ        | _              | -            | 4        |              | 76       | $\vdash \vdash$ |          | $\dashv$ |          |          | -              | -         | $\dashv$ | 4        | $\vdash$ |          | 126        | -          | -+           | -             |
|  | 27       | +                       | _        |           | -  | ļ            |          |                | -            | 4        |              | 77       | $\vdash$        |          | $\dashv$ |          | $\dashv$ | -              | $\dashv$  | -        | 4        | -        | -        | 127        | $\dashv$   | -+           | +             |
|  | 28<br>29 | +                       | _        | -         | -  | -            | -        | $\dashv$       |              | $\dashv$ |              | 78<br>79 | $\vdash\vdash$  | $\dashv$ | $\dashv$ |          | -        | $\dashv$       | -         | -        | $\dashv$ | -        |          | 128<br>129 | -          | $\dashv$     | +             |
|  | 29<br>30 | ۲                       | _        |           |  | -            |          |                |              | ┥        |              | 80       | Н               | $\dashv$ | ┪        |          | -        |                | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ |          | 130        | +          | $\dashv$     | +             |
|  | 31       | V                       | -        |           |  |              |          |                | -            | ┥        |              | 81       | Н               | $\dashv$ | $\dashv$ |          | -        |                | -         | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | 131        | +          | $\dashv$     | +             |
|  | 32       | ۲                       | _        | -         | _  |              | Н        | $\dashv$       | +            | $\dashv$ |              | 82       | Н               |          |          |          | $\dashv$ | $\dashv$       | -         | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | 132        |            | $\dashv$     | +             |
| <del>                                     </del> | 33       | V                       | _        | -         |  |              | Н        | $\dashv$       | +            | ┨        |              | 83       | $\vdash$        |          | -        | $\neg$   |          | <del>-  </del> | +         | +        | $\dashv$ | $\vdash$ | $\dashv$ | 133        | $\dashv$   | _            | +             |
|  | 34       | ۲                       | _        | -         |  |              | H        | $\dashv$       | $\dashv$     | +        |              | 84       | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -              | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ | 134        | $\dashv$   | $\dashv$     | $\dashv$      |
|  | 35       | $\dagger$               | ├        | <b></b> - |  | <u> </u>     | $\vdash$ | -              | $\dashv$     | 1        |              | 85       | ┝               |          | $\dashv$ |          |          | $\dashv$       | $\dashv$  | +        | $\dashv$ |          | $\dashv$ | 135        | $\dashv$   | $\dashv$     | +             |
|  | 36       | $\vdash$                | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$     | Н        | $\dashv$       | +            | 1        |              | 86       | H               | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$       | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ | 136        | $\dashv$   | $\dashv$     |               |
|  | 37       | +                       |          | $\vdash$  | $\vdash$   | $\vdash$     | $\vdash$ | $\dashv$       | +            | 1        |              | 87       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -              |           | -        | 一        | 十        | _        | 137        | 十          | 1            | $\dashv$      |
|  | 38       |                         | М        |           | t  | T            |          |                | 十            | 1        |              | 88       | $\vdash$        |          | $\neg$   | $\dashv$ | $\Box$   | $\dashv$       | 寸         | 7        | $\dashv$ |          |          | 138        | $\dashv$   | $\top$       | $\top$        |
|  | 39       |                         |          |           |  |              | 一        | _              | +            | 1        |              | 89       | $\Box$          | $\neg$   | $\dashv$ | $\dashv$ | $\neg$   | _              | 7         | $\dashv$ | $\neg$   |          |          | 139        | $\dashv$   | 1            | $\top$        |
|  | 40       |                         |          |           | $\vdash$   |              | $\neg$   | $\neg$         | 一            | ┪        | _            | 90       |                 |          |          | .        |          |                | ┪         | 寸        | ╗        |          |          | 140        |            | T            | $\neg$        |
| 1  | 41       |                         |          |           |  |              |          |                |              | 1        |              | 91       | П               | $\neg$   | 寸        |          |          | 寸              | ┪         | $\neg$   |          |          |          | 141        | $\Box$     |              |               |
| 1  | 42       |                         |          |           |  |              |          |                |              |          |              | 92       | П               |          |          |          |          |                |           |          |          |          |          | 142        |            |              |               |
|  | 43       |                         |          |           |  |              |          |                |              |          |              | 93       |                 |          |          |          |          |                |           |          |          |          |          | 143        | $\Box$     |              |               |
| - 4  | 44       | $oldsymbol{\mathbb{T}}$ |          |           |  |              |          |                |              |          |              | 94       |                 |          |          |          |          |                | J         |          |          |          |          | 144        |            |              |               |
| 4  | 45       | $\mathbb{T}$            | _        |           |  | L            |          |                |              |          |              | 95       |                 |          |          |          |          |                |           |          |          |          |          | 145        | $\cdot $   |              |               |
|  |          | V                       |          |           |  |              |          | $\Box$         |              | ]        |              | 96       |                 |          | $\Box$   |          |          | $\Box$         |           |          |          |          |          | 146        |            | $oxed{J}$    |               |
|  | 47       |                         |          |           |  |              |          |                |              |          |              | 97       |                 |          | J        |          |          | $\Box$         | $\Box$    |          |          |          |          | 147        |            |              | $\Box \Box$   |
|  | 48       |                         |          | L         |  |              |          | $\Box$         | $oxed{\bot}$ |          |              | 98       |                 |          |          |          |          | $\Box$         |           |          | $\Box$   |          | $\Box$   | 148        | $\Box$     | $oxed{\int}$ |               |
|  | 49       |                         |          |           |  |              |          |                |              |          |              | 99       |                 |          |          |          |          |                | $\Box$    |          |          |          |          | 149        |            |              |               |
|  | 50       |                         |          |           |  |              |          | I              |              | J        |              | 100      |                 |          |          |          |          | $\Box$         | $\Box$    | $\Box$   |          |          |          | 150        | $\Box$     | $oxed{J}$    | $\perp L$     |
|  |          |                         |          |           |  |              |          |                |              | -        |              |          |                 |          |          |          |          |                |           |          |          |          |          |            |            |              |               |

| Cla                  | aim        | _        |              |          |          | Date         |              |                                     |          |                 |
|----------------------|------------|----------|--------------|----------|----------|--------------|--------------|-------------------------------------|----------|-----------------|
|                      |            |          | Г            | Γ        | T        |              |              |                                     |          |                 |
| Final                | Original   |          |              |          |          |              |              |                                     |          |                 |
|                      | 101<br>102 |          |              |          | -        |              |              |                                     |          |                 |
|                      | 102        |          |              |          |          |              |              |                                     |          |                 |
|                      | 103        |          | L            | <u></u>  | <u> </u> | <u> </u>     |              | <u> </u>                            |          | Ш               |
|                      | 104        |          | _            | <u> </u> | <u> </u> |              | ļ            |                                     |          | $\vdash$        |
|                      | 105        | ļ        | -            | Ŀ        | <u> </u> | H            | ļ .          | ļ                                   |          | Н               |
|                      | 106<br>107 | _        | ┝            | ┝        | ┝        | ⊢            |              |                                     |          | H               |
|                      | 108        | _        | $\vdash$     | ├        | -        | <del> </del> | -            | $\vdash$                            | $\vdash$ | Н               |
|                      | 109        | $\vdash$ | <u> </u>     | $\vdash$ | -        | $\vdash$     | -            | _                                   | -        | $\dashv$        |
|                      | 110        |          |              |          |          | $\vdash$     |              | Г                                   | _        | П               |
|                      | 111        |          |              |          |          |              |              |                                     |          |                 |
|                      | 112<br>113 |          |              |          |          |              |              |                                     |          |                 |
|                      | 113        |          | <u> </u>     |          |          |              |              | $oxedsymbol{oxed}$                  |          | Ш               |
|                      | 114        |          | L            |          | _        | L            |              | <u>L</u>                            |          | Ш               |
|                      | 115<br>116 | _        | <u> </u>     | <u> </u> | $\vdash$ | $\vdash$     | _            | $\vdash$                            | <u> </u> | $\vdash$        |
|                      | 116        |          | ├            | -        | $\vdash$ | $\vdash$     |              | <u> </u>                            | H        | Н               |
|                      | 118        | -        | $\vdash$     | -        | -        |              | -            | $\vdash$                            |          | $\vdash$        |
|                      | 119        |          | <del> </del> | -        | -        | ┢            | $\vdash$     |                                     |          | $\vdash$        |
|                      | 120        |          |              |          | -        | 一            | ⊨            | _                                   |          |                 |
|                      | 120<br>121 |          |              |          |          |              |              |                                     |          | П               |
|                      | 122        |          |              |          |          |              |              |                                     |          |                 |
|                      | 123<br>124 |          |              |          |          |              |              |                                     |          |                 |
|                      | 124        |          | _            |          | <u> </u> |              |              |                                     |          | Ш               |
|                      | 125        |          | <u> </u>     |          | <u> </u> |              |              |                                     |          | Ш               |
|                      | 126<br>127 | _        | <u> </u>     |          | <u> </u> | <u> </u>     |              | L                                   |          |                 |
|                      | 128        | _        | $\vdash$     | -        | <u> </u> | <u> </u>     |              |                                     |          | Н               |
|                      | 129        |          |              | -        | -        | <u> </u>     | <del> </del> | -                                   | -        | Н               |
|                      | 130        |          | $\vdash$     |          |          |              | _            |                                     |          |                 |
|                      | 131        |          | H            |          |          |              |              | -                                   |          | _               |
|                      | 132        |          |              |          |          |              |              |                                     |          |                 |
|                      | 133        |          |              |          |          |              |              |                                     |          |                 |
|                      | 134        |          |              |          |          |              |              |                                     |          |                 |
|                      | 135        |          | L            | <u> </u> |          |              |              |                                     |          | Ш               |
|                      | 136        | _        | <u> </u>     | <u> </u> | <u> </u> | L            | _            | $\vdash$                            |          | $\vdash \vdash$ |
|                      | 137<br>138 | -        | <u> </u>     | $\vdash$ | <u> </u> | <u> </u>     |              | ├-                                  | H        | $\vdash$        |
|                      | 138        |          | -            | -        | _        |              |              | H                                   | _        | $\vdash$        |
|                      | 140        | _        |              |          | -        | _            | _            | -                                   | _        | -               |
|                      | 141        |          | -            | -        | -        |              |              |                                     | _        |                 |
|                      | 142        |          |              | _        | _        |              | -            |                                     |          |                 |
|                      | 143        |          |              |          |          |              |              |                                     |          |                 |
|                      | 144        |          |              |          |          |              |              |                                     |          |                 |
|                      | 145        |          |              |          |          |              |              | $\Box$                              |          |                 |
|                      | 146        |          | <u> </u>     | <u> </u> |          | L            |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш               |
| $\sqsubseteq \dashv$ | 147        | L        | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     |              | _                                   | <u> </u> | Щ               |
|                      | 148        |          | _            |          | -        |              | _            | $\vdash$                            | $\vdash$ | $\dashv$        |
|                      | 149<br>150 | _        | <u> </u>     | H        | -        |              |              | $\vdash$                            | H        | $\vdash$        |
| LI                   | 100        | L        | L            | L        | L        | <u> </u>     | Ц            | l                                   | Щ        | Ш               |